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[57] ABSTRACT

A lens particularly for applications requiring a large lens eliminates costly grinding and polishing operations. The lens embodies an adjustable chamber containing an optical fluid which can be pressurized in varying degrees by altering the size of the chamber. Resilient optical diaphragms at the ends of the chamber have their curvatures changed responsive to changes in the pressure of the fluid in the chamber to produce a lens of fixed or variable focal length.

11 Claims, 5 Drawing Figures

